# User Manual

**WIFI Device**

# Contents

# Forward

WIFI device use 3G network, through information system installed in the vehicle, to provide long-distance and diversified information service for the vehicle driving.It represents the trend and the aspect of automotive information development in the word.

It is a solution to adapt to the 3G internet for the vehicle. Users can connect and share high-speed 3G network. As the 3G internet appear, through WIFI wireless router to share 3G connection has become many people's needs. We pushed out this 3G router is such a product, after this router will be built in the vehicle system, it can be convenient share 3G connection through WIFI network. Thus it can conveniently make notebook and other WIFI device connected Internet anytime and anywhere.

## GPS and Internet function instruction

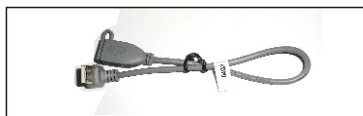Before use this product, please read this manual to ensure safety and use correctly.

### Accessories illustration
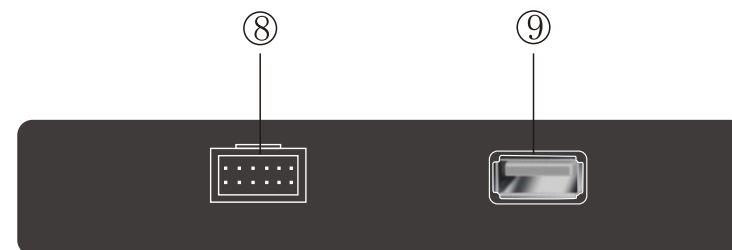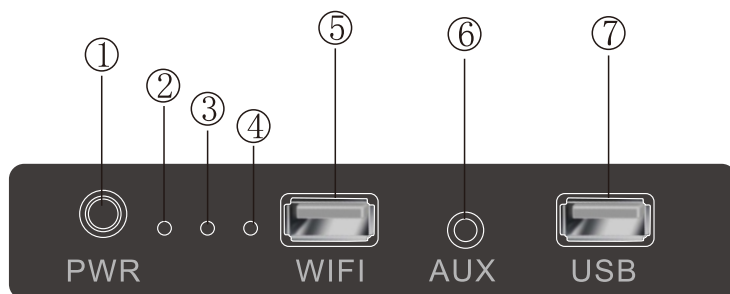
WIFI device(one)

power cable ( one)  A/V cable（one）

USB cable (two)

Internet cable (one)

### Accessories parts graph

① ② ③ ④ ⑤ ⑥ ⑦

PWR        WIFI      AUX      USB

⑧ ⑨

BACK

### Accessories part denomination

① Power button      ② Power indicator      ③ 3G indictor

④ WIFI indictor      ⑤ WIFI interface      ⑥ A/V interface

⑦ Hard disk interface  ⑧ Power interface   ⑨ Car DVD player interface

### WIFI device parameter

Product dimension：94*54*13mm(L*W*H)

Antenna：Built-in antenna

3G card：Built- in 3G module

Firewall management: support MAC/IP/Port filter; support NAT/NAPT, support URL filter.

WIFI transmission distance:the furthest distance is 50 meters indoor,the furthest distance is 100 meters outdoor(according to the environment),

Wireless transmission rate:Wireless transmission rate reach up to 150mbpsw.

# WIFI internet function Instruction.

## Internet function Instruction

Notes: Before go to internet, need to install the 3G model ( Hua wei E1550) and insert 3G card. Or install WIFI Wireless receiver (Zhicheng CP1806) and connect the wireless network signal to go to internet in this system. Touch the main interface "Navigation" Icon, or press the panel "NAVI" button to enter in to the main interface navigation. The menu as following.
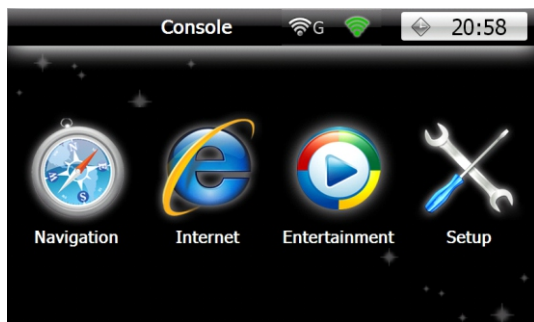


1.Select the top right of Internet sign      in the interface navigation,     icon on the left marked as 3G Internet and on the right marked as WIFI Internet. Access to the WIFI setting menu as follows.



2.Select the search sign in the interface navigation      , then will search some related WIFI network. Such as, it will have WIFI network named Wincalcd nearby and will display on the left of the search sign. Select "wincalcd" network and press      the determined button. And disconnect network only need to press.the      menu as follow.



3.After existing "wincalcd" network, input WIFI password and press      determined button, the menu as follow.

4.After input the WIFI password , if the connection is successful will appear as shown in the left view, if the connection fails there will be shown in the right view, as shown below:



5.Click the  icon to enter the following page, under the internet protocol (TCP / IP) Properties settings, Generally you can get assigned an IP address automatically, as the computer network property settings .
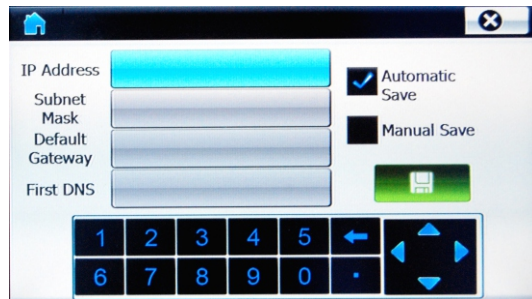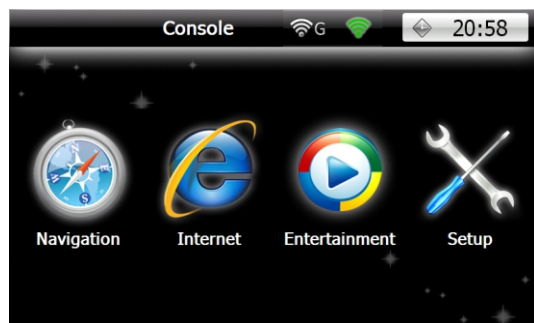


6,If wifi connection is successful, will return to the main navigation interface, click the  icon, it will enter the system default page, as shown below so you can access the internet ..
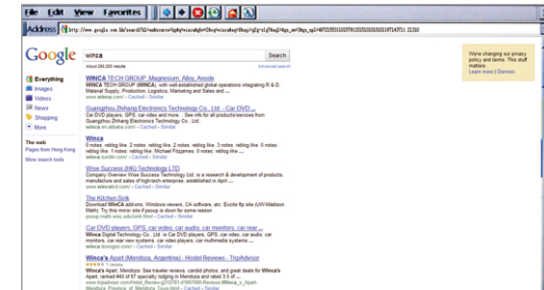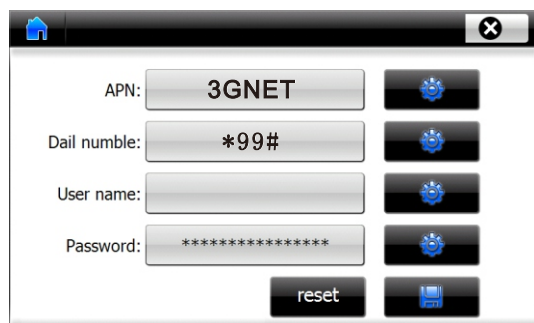
## 3G Internet functions description

Click the Navigation icon in the main interface to enter the navigation main interface as shown below:



1, Choose the [icon] icon in the top right of Internet navigation interface , on the left mark icon it is 3G internet, on the right mark for wifi icon, click [icon] icon to enter the 3G setting interface, as shown below



2.Choose the APN APN: [3GNET] in the navigation interface access input box, then click [button] button, enter the following picture, enter the access point, such as 3G 3GNET, click [icon] button to return to the 3G main interface, shown above picture,, then enter the port number dial number Dail numble: [*99#] then click [icon] key to return the 3G main interface .



3.After Finish entering the access point and the port number, click the [icon] save icon in the 3G main interface, save the settings after will be back on to restart Internet navigation interface
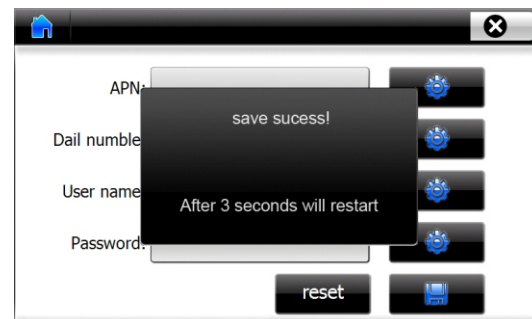
4.Choose the  browser in the navigation interface, enter the Internet page will
display 3G conneted, means connection is successful, if connection failure will be
shown as below
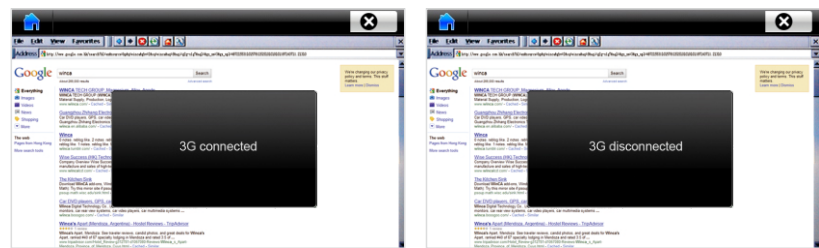
**AP module wifi wireless parameters**

| Wi–Fi Transmission rate | 150Mbps |
|---|---|
| 3G format | WCDMA 、TD–SCDMA 、CDMA2000 |
| Wireless safety | Wireless MAC address filtering<br><br>64/128/152 WEP Encryption<br><br>WPA–PSK/WPA2–PSK 、WPA/WPA2 Security |
| Operating Temperature | –10 ~ 55℃ |
| Frequency range | 2.4~2.4835GHz |
| Voltage | DC 12V |

**Factory default parameters**

Basic on Web menu, the default landing name and passdoe is admin . the default LAN
PI address is : 192.168.0.1

| | Defaults |
|---|---|
| User name: | admin |
| Password： | admin |
| LAN IP Addres | 192.168.0.1 |

# 1.3  Description  of  LED  light.

| LED light | Status | Description |
|---|---|---|
| PWR (POWER) | Normal bright | Connecting the power and working status |
| | OFF | Power disconnected |
| WiFi | Normal bright | WiFi is working |
| | Blink | Wireles network is receiving and sending data |
| | OFF | WiFi is not working |
| 3G | Normal bright | 3G network Connected successfully |
| | Blink | 3G network (Dialing) Connecting |
| | OFF | 3G network disconnected |

## Internet Setting

To take the Windows 7 for an example, press  "  "  menu, open  "Control Panel",
double click  "Network"  in the dialog box of Control Panel, choose  "Change the
Adapter Setting"  in the  "Network and Share"  page, modify parameter(TCP/IPv4) in
 the  "Wireless Network Link Attribute"  Page. There are two ways to set.

1. 1  The  first  way  to  get  IP  and  DNS  automatically,  as  following  picture:
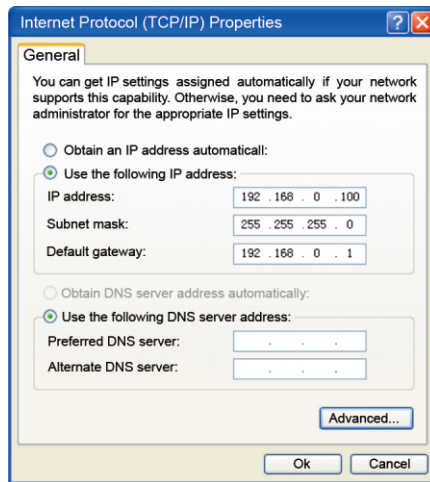


1.2  The  second  way  to  set  static  IP  address.

IP address: 192.168.0.X(X should be any integer between 100–200)

Sub–net  mask:  255.255.255..0

Default gateway: 192.168.0.1, as following picture:

## 1. Login Web figuration page

2.1 The device is setting "192.168.0.1" as default profile. Open IE browser of computer, input "192.168.0.1" enter User—login Authentication Interface.



2.2  Should using default user name and password when login the  system  for the  first time. All  the  default  user  name  and  password  are admin.  User  could  change  the password for the administrator account after entering the system.

2.3 Input the correct user name and password to enter the Web Setting page of CP1806.
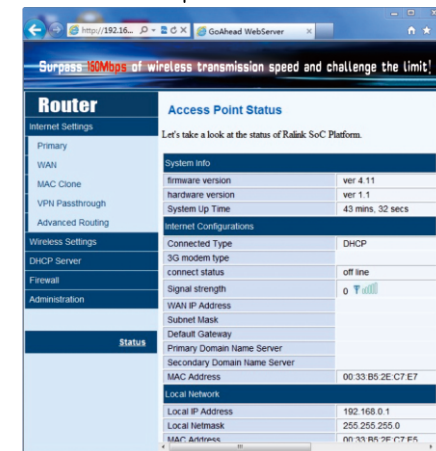


2.4 Click the WAN " WAN ", change the WAN Connect—box Type to "3G", as following picture:



Setting the 3G ISP parameter:

# Attention:

1   The Dial-up parameter should be subject to local ISP.

2   The 3G network  card,  which  is  supported  by  our  devices,  may  would  be  not  supported  by our devices in the future if the supplier changes the inner parameter which we can't support. We can't exclude this status.

Description of functions as following:

| Interface Item | Description |
|---|---|
| USB 3G modem | Choose your network type of 3G |
| Connect Status | Status of 3G network |
| Dial Setting | Dial-up: Automatic dialing and Manual dialing |
| | Parameter of dial-up: default and user-defined |
| User | Check with your local ISP about the user name. For example, China Telecom is ctnet@mycdma.cn |
| Password | Check with your local ISP about the password. For example, China Telecom is vnet.mobi |
| Dial Number | Check with your local ISP about the dial number. For example, China Telecom is #777 |
| APN | Check with your local ISP about APN. For example, China Telecom is cmnet |
| Authentication | Method of 3G authentication |
| PIN | Personal Identification Number (PIN) of SIM card. Input PIN according to ISP. |

If ISP can not provide above data, then no need to input. For example, if the modem you buy is named HUAWEI E1750, SIM card is WCDMA, then at  " USB 3 G Modulation and decoder", select HUAWEI E1750, input  "user name"  and  " pass code", etc. into dial data, then  click  "confirm", finished.  Pls  confirm,  in  3G  setting  menu,  the  3G modem NO. should be same as the real  modem  name, the data you  input  is  correct, that means, all the data setting should be followed the IPS request.